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**1 Gummi: a bendable computer**   
Carsten Schweißig, Ivan Poupyrev, Eiji Mori  
April 2004 **Proceedings of the SIGCHI conference on Human factors in computing systems**  
Publisher: ACM Press  
Full text available:  pdf(4.40 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)  
Gummi is an interaction technique and device concept based on physical deformation of a handheld device. The device consists of several layers of flexible electronic components, including sensors measuring deformation of the device. Users interact with this device by a combination of bending and 2D position control. Gummi explores physical interaction techniques and screen interfaces for such a device. Its graphical user interface facilitates a wide range of interaction tasks, focused on browsin ...  
**Keywords:** GUI, embodied interaction, flexible electronics, handheld devices, interaction design, mobile computing, smartcards

**2 Seeing, hearing, and touching: putting it all together**   
Brian Fisher, Sidney Fels, Karon MacLean, Tamara Munzner, Ronald Rensink  
August 2004 **Proceedings of the conference on SIGGRAPH 2004 course notes GRAPH '04**  
Publisher: ACM Press  
Full text available:  pdf(20.64 MB) Additional Information: [full citation](#)

**3 Making computers disappear: appliance data services**   
Andrew C. Huang, Benjamin C. Ling, John Barton, Armando Fox  
July 2001 **Proceedings of the 7th annual international conference on Mobile computing and networking**  
Publisher: ACM Press  
Full text available:  pdf(691.57 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)  
Digital appliances designed to simplify everyday tasks are readily available to end consumers. For example, mobile users can retrieve Web content using handheld devices since content retrieval is well-supported by infrastructure services such as transformational proxies. However, the same type of support is lacking for input-centric

devices, those that create content and allow users to share content. This lack of infrastructural support makes input-centric devices hard to use and less useful. ...

**4 Architecture: TouchLight: an imaging touch screen and display for gesture-based interaction**

 Andrew D. Wilson

October 2004 **Proceedings of the 6th international conference on Multimodal interfaces**

Publisher: ACM Press

Full text available:  pdf(2.33 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

A novel touch screen technology is presented. TouchLight uses simple image processing techniques to combine the output of two video cameras placed behind a semi-transparent plane in front of the user. The resulting image shows objects that are on the plane. This technique is well suited for application with a commercially available projection screen material (DNP HoloScreen) which permits projection onto a transparent sheet of acrylic plastic in normal indoor lighting conditions. The resultin ...

**Keywords:** computer human interaction, computer vision, displays, gesture recognition, videoconferencing

**5 Support for workflows in a ministerial environment**

 Wolfgang Prinz, Sabine Kolenbach

November 1996 **Proceedings of the 1996 ACM conference on Computer supported cooperative work**

Publisher: ACM Press

Full text available:  pdf(1.44 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** digital signatures, electronic circulation folder, participatory design, shared workspaces, workflow

**6 User Interfaces for Applications on a Wrist Watch**

M. T. Raghunath, Chandra Narayanaswami

January 2002 **Personal and Ubiquitous Computing**, Volume 6 Issue 1

Publisher: Springer-Verlag

Full text available:  pdf(356.91 KB) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

Advances in technology have made it possible to package a reasonably powerful processor and memory subsystem coupled with an ultra high-resolution display and wireless communication into a wrist watch. This introduces a set of challenges in the nature of input devices, navigation, applications, and other areas. This paper describes a wearable computing platform in a wrist watch form-factor we have developed. We built two versions: one with a low resolution liquid crystal display; and another wit ...

**7 Virtual extension: Making the computer accessible to mentally retarded adults**

 Gretchen L. Robertson, Deborah Hix

April 2002 **Communications of the ACM**, Volume 45 Issue 4

Publisher: ACM Press

Full text available:  pdf(633.63 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Little research has been conducted on how to teach computer skills to developmentally disabled adults. A head counselor at a home for mentally retarded adults, who served as

the inspiration for this article, was an enthusiastic personal computer user who tried to share computer instruction with home residents. Efforts at using commercial applications designed for young children were unsuccessful. Residents briefly watched the counselor use the applications, then lost interest. Staff members had ...

**8 Dual touch: a two-handed interface for pen-based PDAs**

 Nobuyuki Matsushita, Yuji Ayatsuka, Jun Rekimoto

November 2000 **Proceedings of the 13th annual ACM symposium on User interface software and technology**

Publisher: ACM Press

Full text available:  pdf(83.25 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



**Keywords:** interaction technology, mobile computers, pen interfaces, two-handed interfaces

**9 Touching and hearing GUI's: design issues for the PC-Access system**

 Christophe Ramstein, Odile Martial, Aude Dufresne, Michel Carignan, Patrick Chassé, Philippe Mabilleau

April 1996 **Proceedings of the second annual ACM conference on Assistive technologies**

Publisher: ACM Press

Full text available:  pdf(1.30 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



**10 Touch-sensing input devices**

 Ken Hinckley, Mike Sinclair

May 1999 **Proceedings of the SIGCHI conference on Human factors in computing systems: the CHI is the limit**

Publisher: ACM Press

Full text available:  pdf(1.23 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)



We can touch things, and our senses tell us when our hands are touching something. But most computer input devices cannot detect when the user touches or releases the device or some portion of the device. Thus, adding touch sensors to input devices offers many possibilities for novel interaction techniques. We demonstrate the TouchTrackball and the Scrolling TouchMouse, which use unobtrusive capacitance sensors to detect contact from the users hand without requiring pressure or mechan ...

**Keywords:** haptic input, input devices, interaction techniques, sensor technologies, tactile input, touch-sensing devices

**11 Interacting with walls and tables: Improving drag-and-drop on wall-size displays**

Maxime Collomb, Mountaz Hascoët, Patrick Baudisch, Brian Lee

May 2005 **Proceedings of the 2005 conference on Graphics interface GI '05**

Publisher: Canadian Human-Computer Communications Society

Full text available:  pdf(374.88 KB) Additional Information: [full citation](#), [abstract](#), [references](#)



On wall-size displays with pen or touch input, users can have difficulties reaching display contents located too high, too low, or too far away. Drag-and-drop interactions can be further complicated by bezels separating individual display units. Researchers have proposed a variety of interaction techniques to address this issue, such as extending the

user's reach (e.g., *push-and-throw*) and bringing potential targets to the user (*drag-and-pop*). In this paper, we introduce a new tech ...

**Keywords:** drag-and-drop, drag-and-pop, interaction technique, pen input, push-and-throw, touch-screen, wall-size display

**12 Interactive Posters: Layered touch panel: the input device with two touch panel layers** 

 Yujin Tsukada, Takeshi Hoshino

April 2002 **CHI '02 extended abstracts on Human factors in computing systems**

**Publisher:** ACM Press

Full text available:  pdf(1.33 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

We developed Layered Touch Panel that expands the interaction techniques of touch panel. Layer Touch Panel has two touch panel layers, so that it is able to distinguish two touch states such as "finger on screen" and "finger above screen". With the structure, Rollover effect and Pick & Drop that are not available in normal touch panel are available in Layered Touch Panel. As the result of a usability test, 88% of test users answered that Layered Touch Panel is more usable than normal touch panel. ...

**Keywords:** input device, pick & drop, rollover effect, touch panel

**13 Pointing: Interacting with large displays from a distance with vision-tracked multi-finger gestural input** 

 Shahzad Malik, Abhishek Ranjan, Ravin Balakrishnan

October 2005 **Proceedings of the 18th annual ACM symposium on User interface software and technology UIST '05**

**Publisher:** ACM Press

Full text available:  pdf(1.68 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We explore the idea of using vision-based hand tracking over a constrained tabletop surface area to perform multi-finger and whole-hand gestural interactions with large displays from a distance. We develop bimanual techniques to support a variety of asymmetric and symmetric interactions, including fast targeting and navigation to all parts of a large display from the comfort of a desk and chair, as well as techniques that exploit the ability of the vision-based hand tracking system to provide mu ...

**Keywords:** asymmetric, bimanual, from afar, gesture, interaction, large wall, multi-point, symmetric, touch surface, two hands, visual touchpad

**14 A prototype Spatial Data Management System** 

 Christopher F. Herot, Richard Carling, Mark Friedell, David Kramlich

July 1980 **ACM SIGGRAPH Computer Graphics , Proceedings of the 7th annual conference on Computer graphics and interactive techniques SIGGRAPH '80**, Volume 14 Issue 3

**Publisher:** ACM Press

Full text available:  pdf(3.42 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Spatial Data Management is a technique for organizing and retrieving information by positioning it in a spatial framework. Data is accessed in a Spatial Data Management System (SDMS) via pictorial representations which are arranged in space and viewed through a computer graphics system. These pictures can be created by an interactive graphical editor, allowing an SDMS to serve as a personal repository of diagrams, text, and photographs. Pictograms can also be generated from data in a symbol ...

**Keywords:** Computer graphics, Database query languages, Graphics languages, Man-machine interaction

**15 Late-breaking results: MIT is the limit: TouchTags: using touch to retrieve information stored in a physical object**

Benjamin Vigoda, Neil Gershenfeld

May 1999 **CHI '99 extended abstracts on Human factors in computing systems**

Publisher: ACM Press

Full text available:  pdf(222.36 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Information can be stored in inexpensive electronic "tag" microchips which can be embedded in physical objects. We have invented a new tag reader technology which allows information to be transferred into or out of these tag microchips through the human body via touch. Our technology has enabled us to create a novel user interface which can recognize when physical icons are touched, and a wearable system that can inventory packages when they are touched.

**Keywords:** physical icons, physical interface, tags, touch, wearables

**16 Human-computer interface development: concepts and systems for its management**

H. Rex Hartson, Deborah Hix

March 1989 **ACM Computing Surveys (CSUR)**, Volume 21 Issue 1

Publisher: ACM Press

Full text available:  pdf(7.97 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

*Human-computer interface management*, from a computer science viewpoint, focuses on the process of developing quality human-computer interfaces, including their representation, design, implementation, execution, evaluation, and maintenance. This survey presents important concepts of interface management: dialogue independence, structural modeling, representation, interactive tools, rapid prototyping, development methodologies, and control structures. *Dialogue independence* is th ...

**17 Pen computing: a technology overview and a vision**

André Meyer

July 1995 **ACM SIGCHI Bulletin**, Volume 27 Issue 3

Publisher: ACM Press

Full text available:  pdf(5.14 MB) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

This work gives an overview of a new technology that is attracting growing interest in public as well as in the computer industry itself. The visible difference from other technologies is in the use of a pen or pencil as the primary means of interaction between a user and a machine, picking up the familiar pen and paper interface metaphor. From this follows a set of consequences that will be analyzed and put into context with other emerging technologies and visions. Starting with a short historic ...

**18 Improving selection performance on pen-based systems: a study of pen-based interaction for selection tasks**

Xiangshi Ren, Shinju Moriya

September 2000 **ACM Transactions on Computer-Human Interaction (TOCHI)**, Volume 7 Issue 3

Publisher: ACM Press

Full text available: Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

 pdf(320.70 KB)[review](#)

**Keywords:** classifications of selection strategies, mobile computing, pen-based input interfaces, pen-based systems, small targets, state-transition models, target selection strategies

19 [Noncommand user interfaces](#) 

 Jakob Nielsen

April 1993 **Communications of the ACM**, Volume 36 Issue 4

Publisher: ACM Press

Full text available:  pdf(6.81 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

20 [Touch-Space: Mixed Reality Game Space Based on Ubiquitous, Tangible, and Social Computing](#) 

Adrian David Cheok, Xubo Yang, Zhou Zhi Ying, Mark Billinghurst, Hirokazu Kato  
January 2002 **Personal and Ubiquitous Computing**, Volume 6 Issue 5-6

Publisher: Springer-Verlag

Full text available:  pdf(383.71 KB) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

This paper presents a novel computer entertainment system which recaptures human touch and physical interaction with the real-world environment as essential elements of the game play, whilst also maintaining the exciting fantasy features of traditional computer entertainment. Our system called 'Touch-Space' is an embodied (ubiquitous, tangible, and social) computing based Mixed Reality (MR) game space which regains the physical and social aspects of traditional game play. In this nov ...

**Keywords:** Embodied computing, Game space, Mixed reality, Social computing, Tangible interaction, Ubiquitous computing

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- 1** [PicoDBMS: Scaling down database techniques for the smartcard](#)  
 Philippe Pucheral, Luc Bougnam, Patrick Valduriez, Christophe Bobineau  
 September 2001 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 10 Issue 2-3  
**Publisher:** Springer-Verlag New York, Inc.  
 Full text available: [pdf\(259.03 KB\)](#) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

Smartcards are the most secure portable computing device today. They have been used successfully in applications involving money, and proprietary and personal data (such as banking, healthcare, insurance, etc.). As smartcards get more powerful (with 32-bit CPU and more than 1 MB of stable memory in the next versions) and become multi-application, the need for database management arises. However, smartcards have severe hardware limitations (very slow write, very little RAM, constrained stable mem ...)

**Keywords:** Atomicity, Durability, Execution model, PicoDBMS, Query optimization, Smartcard applications, Storage model

- 2** [Using smartcards to secure a personalized gambling device](#)

William A. Aiello, Aviel D. Rubin, Martin J. Strauss  
 November 1999 **Proceedings of the 6th ACM conference on Computer and communications security**

**Publisher:** ACM Press

Full text available: [pdf\(762.94 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We introduce a technique for using an untrusted device, such as a hand-held personal digital assistant or a laptop to perform real financial transactions without a network. We utilize the tamper-resistant nature of smartcards to store value on them and perform probabilistic computations based on user input. We discuss an application of this to gambling. The technique has the properties that the user is guaranteed to make money when he wins and the house is guaranteed to make money w ...

- 3** [A smartcard for authentication in WLANs](#)

Marc Loutrel, Pascal Urien, Guy Pujolle  
 October 2003 **Proceedings of the 2003 IFIP/ACM Latin America conference on Towards a Latin American agenda for network research**

**Publisher:** ACM Press

Full text available: [pdf\(333.05 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Wireless LANs based on the IEEE 802.11b standard have spread very quickly over the past few years. Nevertheless a lot of security issues remain and stop its deployment in corporations. One of the most important issues is the authentication of a terminal to an Access Point. We propose an interface to integrate the Extensible Authentication Protocol into smartcards and will show that smartcards could constitute the de-facto device for authentication in Wireless LAN as they are for GSM and will ...

**Keywords:** authentication, smartcard, wireless LANs

- 4 [Computer applications: A Java OpenCard framework based medical smartcard system](#) 

David Gildea, Tom Dowling

June 2003 **Proceedings of the 2nd international conference on Principles and practice of programming in Java PPPJ '03**

Publisher: Computer Science Press, Inc.

Full text available:  pdf(193.50 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The architecture and use of the java OpenCard Framework, (OCF), to develop SmartCard systems is discussed. The protocols involved and the different layers that comprise the systems are also discussed. The design and implementation of an OCF based personal Medical SmartCard system is presented.

**Keywords:** OpenCard Framework, smart cards

- 5 [BITS: a smartcard protected operating system](#) 

 Paul C. Clark, Lance J. Hoffman

November 1994 **Communications of the ACM**, Volume 37 Issue 11

Publisher: ACM Press

Full text available:  pdf(3.80 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

- 6 [High Security Smartcards](#) 

M. Renaudin, F. Bouesse, Ph. Proust, J. P. Tual, L. Sourgen, F. Germain

February 2004 **Proceedings of the conference on Design, automation and test in Europe - Volume 1**

Publisher: IEEE Computer Society

Full text available:  pdf(86.43 KB) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

New consumer appliances such as PDA, Set Top Box, GSM/UMTS terminals enable an easy access to the internet and strongly contribute to the development of e-commerce and m-commerce services. Tens of billion payments are made using cards today, and this is expected to grow in a near future. Smartcard platforms will enable operators and service providers to design and deploy new e- and m-commerce services. This development can onlybe achieved if a high level of security is guaranteed for the transac ...

- 7 [Formalizing the safety of Java, the Java virtual machine, and Java card](#) 

 Pieter H. Hartel, Luc Moreau

December 2001 **ACM Computing Surveys (CSUR)**, Volume 33 Issue 4

Publisher: ACM Press

Full text available:  pdf(442.86 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We review the existing literature on Java safety, emphasizing formal approaches, and the impact of Java safety on small footprint devices such as smartcards. The conclusion is

that although a lot of good work has been done, a more concerted effort is needed to build a coherent set of machine-readable formal models of the whole of Java and its implementation. This is a formidable task but we believe it is essential to build trust in Java safety, and thence to achieve ITSEC level 6 or Common Crite ...

**Keywords:** Common criteria, programming

**8 Oral II: Secure smartcardbased fingerprint authentication** 

 T. Charles Clancy, Negar Kiyavash, Dennis J. Lin  
November 2003 **Proceedings of the 2003 ACM SIGMM workshop on Biometrics methods and applications**

**Publisher:** ACM Press

Full text available:  pdf(452.50 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In this paper, the fundamental insecurities hampering a scalable, wide-spread deployment of biometric authentication are examined, and a cryptosystem capable of using fingerprint data as its key is presented. For our application, we focus on situations where a private key stored on a smartcard is used for authentication in a networked environment, and we assume an attacker can launch off-line attacks against a stolen card. Juels and Sudan's *fuzzy vault* is used as a starting point for building ...

**Keywords:** authentication, biometrics, fingerprint, smartcard

**9 Emerging applications: A new CRT-RSA algorithm secure against bellcore attacks** 

 Johannes Blömer, Martin Otto, Jean-Pierre Seifert  
October 2003 **Proceedings of the 10th ACM conference on Computer and communications security**

**Publisher:** ACM Press

Full text available:  pdf(306.99 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

In this paper we describe a new algorithm to prevent fault attacks on RSA signature algorithms using the Chinese Remainder Theorem (CRT-RSA). This variant of the RSA signature algorithm is widely used on smartcards. Smartcards on the other hand are particularly susceptible to fault attacks like the one described in [7]. Recent results have shown that fault attacks are practical and easy to accomplish ([21], [17]). Therefore, they establish a practical need for fault attack protected CRT-RSA scheme ...

**Keywords:** Bellcore attack, Chinese remainder theorem, RSA, cryptanalysis, faults attacks, smartcards

**10 Nark: receiver-based multicast non-repudiation and key management** 

 Bob Briscoe, Ian Fairman  
November 1999 **Proceedings of the 1st ACM conference on Electronic commerce**

**Publisher:** ACM Press

Full text available:  pdf(168.86 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** Internet, audit trail, key management, multicast, non-repudiation, smartcard, watermark

**11 Computer security (SEC): Protected transmission of biometric user authentication**

 **data for oncard-matching**

Ulrich Waldmann, Dirk Scheuermann, Claudia Eckert

March 2004 **Proceedings of the 2004 ACM symposium on Applied computing**

**Publisher:** ACM Press

Full text available:  pdf(574.45 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

Since fingerprint data are no secrets but of public nature, the verification data transmitted to a smartcard for oncard-matching need protection by appropriate means in order to assure data origin in the biometric sensor and to prevent bypassing the sensor. For this purpose, the verification data to be transferred to the user smartcard is protected with a cryptographic checksum that is calculated within a separate security module controlled by a tamper resistant card terminal with integrated bio ...

**Keywords:** authentication, biometrics, cryptographic protocols, data integrity, electronic signature, oncard-matching, smartcards, system security, tamper proof environment

**12 Towards ubiquitous database in mobile commerce**

 Kimio Kuramitsu, Ken Sakamura

May 2001 **Proceedings of the 2nd ACM international workshop on Data engineering for wireless and mobile access**

**Publisher:** ACM Press

Full text available:  pdf(106.49 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Ubiquitous database places data everywhere. We focus on contactless smartcards combined with a small processor and memory for data storage. Very small DBMS implemented on them can interact through queries on a wireless communication. Ubiquitous database attaches such DBMSs to real world "objects" physically, and then allows different organizations to share information retrieved directly from physical goods, materials, or persons. We combined the theory with practice in the ticket ...

**Keywords:** data model and querying for ubiquitous data, mobile commerce, smartcard database, ubiquitous computing

**13 The Design and Test of a Smartcard Chip Using a CHAIN Self-Timed Network-on-Chip**

W. J. Bainbridge, L. A. Plana, S. B. Furber

February 2004 **Proceedings of the conference on Design, automation and test in Europe - Volume 3**

**Publisher:** IEEE Computer Society

Additional Information: [full citation](#), [abstract](#), [index terms](#)

The CHAIN self-timed Network-on-Chip (NoC) architecture provides a flexible, clock-independent solution to the problems of system-on-chip (SoC) interconnect. In this paper we look at the use of CHAIN in a low-performance, smartcard chip to connect two self-timed processors and a range of memories and peripherals. Key design-time advantages provided by the use of CHAIN in this design included the ability to operate a very-narrow, high-frequency network fabric using serial communication without the ...

**14 Anonymous E-prescriptions**

 Giuseppe Ateniese, Breno de Medeiros

November 2002 **Proceedings of the 2002 ACM workshop on Privacy in the Electronic Society**

**Publisher:** ACM Press

Full text available:  pdf(304.10 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

This paper studies issues related to privacy protection of medical data, arguing that the topic is suitable for applied cryptographic research. We present the problem of medicine prescription privacy and describe a practical system that employs standard cryptographic techniques to achieve several improvements over current practices. We also introduce a very simple tool: Online group signatures which can be built via simple primitives implemented in commonly employed cryptographic libraries.

**Keywords:** medical information privacy, privacy-preserving cryptographic techniques, public-key cryptography

**15 Demonstrations: Multi-application smartcard user interface** 

 John Pleunis, Michal Stala

November 2004 **Proceedings of the 2nd European Union symposium on Ambient intelligence EUSAI '04**

**Publisher:** ACM Press

Full text available:  pdf(129.51 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

This paper describes a demonstrator that uses an abstract user interface for enabling users to interact with applications on a smart card, using advanced consumer electronic devices.

**Keywords:** abstract UI, consumer electronics, multi-application smartcard, security

**16 Authentication and authorization: Silicon physical random functions** 

 Blaise Gassend, Dwaine Clarke, Marten van Dijk, Srinivas Devadas

November 2002 **Proceedings of the 9th ACM conference on Computer and communications security**

**Publisher:** ACM Press

Full text available:  pdf(433.69 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We introduce the notion of a Physical Random Function (PUF). We argue that a complex integrated circuit can be viewed as a silicon PUF and describe a technique to identify and authenticate individual integrated circuits (ICs). We describe several possible circuit realizations of different PUFs. These circuits have been implemented in commodity Field Programmable Gate Arrays (FPGAs). We present experiments which indicate that reliable authentication of individual FPGAs can be performed even in the ...

**Keywords:** identification, physical random function, physical security, smartcard, tamper resistance, unclonability

**17 Formal methods II: A model-based approach to integrating security policies for embedded devices** 

 Michael McDougall, Rajeev Alur, Carl A. Gunter

September 2004 **Proceedings of the 4th ACM international conference on Embedded software EMSOFT '04**

**Publisher:** ACM Press

Full text available:  pdf(180.81 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Embedded devices like smartcards can now run multiple interacting applications. A particular challenge in this domain is to dynamically integrate diverse security policies. In

this paper we show how a framework based on a concise formal model lets us securely customize a payment card equipped with a programmable chip. We present *policy automata*, a formal model of computations that grant or deny access to a resource. This model combines defeasible logic with state machines, representing co ...

**Keywords:** Java cards, model based design, policy integration, smartcards

**18 Funkspiel schemes: an alternative to conventional tamper resistance**

 Johan Håstad, Jakob Jonsson, Ari Juels, Moti Yung

 November 2000 **Proceedings of the 7th ACM conference on Computer and communications security**

Publisher: ACM Press

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**19 Reflection as a mechanism for software integrity verification**

 Diomidis Spinellis

 February 2000 **ACM Transactions on Information and System Security (TISSEC)**, Volume 3 Issue 1

Publisher: ACM Press

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The integrity verification of a device's controlling software is an important aspect of many emerging information appliances. We propose the use of reflection, whereby the software is able to examine its own operation, in conjunction with cryptographic hashes as a basis for developing a suitable software verification protocol. For more demanding applications meta-reflective techniques can be used to thwart attacks based on device emulation strategies. We demonstrate how our approach can be ...

**Keywords:** cryptographic hash function, embedded device, message digest

**20 Tamper-resistant whole program partitioning**

 Tao Zhang, Santosh Pande, Antonio Valverde

 June 2003 **ACM SIGPLAN Notices , Proceedings of the 2003 ACM SIGPLAN conference on Language, compiler, and tool for embedded systems LCTES '03**, Volume 38 Issue 7

Publisher: ACM Press

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Due to limited available memory (of the order of Kilobytes) on embedded devices (such as smart cards), we undertake an approach of partitioning the whole program when it does not fit in the memory. The program partitions are downloaded from the server on demand into the embedded device just before execution. We devise a method of partitioning the code and data of the program such that no information regarding the control flow behavior of the program is leaked out. This property is called tamper ...

**Keywords:** mobile code, program partitioning, ramper resistance, smart card

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[AbstractPlus](#) | Full Text: [PDF\(823 KB\)](#) IEEE JNL

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**2. Low-cost planar PTF sensors for the identity verification of smartcard ho**Henderson, N.J.; White, N.M.; Papakostas, T.V.; Hartel, P.H.; Sensors, 2002. Proceedings of IEEE Volume 2, 12-14 June 2002 Page(s):1614 - 1619 vol.2 Digital Object Identifier 10.1109/ICSENS.2002.1037365  
[AbstractPlus](#) | Full Text: [PDF\(752 KB\)](#) IEEE CNF

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**3. The design and test of a smartcard chip using a CHAIN self-timed netw**Bainbridge, W.J.; Plana, L.A.; Furber, S.B.; Design, Automation and Test in Europe Conference and Exhibition, 2004. Proc Volume 3, 16-20 Feb. 2004 Page(s):274 - 279 Vol.3 Digital Object Identifier 10.1109/DATE.2004.1269249  
[AbstractPlus](#) | Full Text: [PDF\(379 KB\)](#) IEEE CNF

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**4. A new contactless smartcard IC using an on-chip antenna and an asynch**controller Abrial, A.; Bouvier, J.; Senn, P.; Renaudin, M.; Vivet, P.; Solid-State Circuits Conference, 2000. ESSCIRC '00. Proceedings of the 26th 19-21 Sept. 2000 Page(s):97 - 100  
[AbstractPlus](#) | Full Text: [PDF\(136 KB\)](#) IEEE CNF**5. Data Assurance in a Conventional File Systems**Rudan, S.; Kovacevic, A.; Milligan, C.; Milutinovic, V.; System Sciences, 2005. HICSS '05. Proceedings of the 38th Annual Hawaii Int Conference on 03-06 Jan. 2005 Page(s):317a - 317a Digital Object Identifier 10.1109/HICSS.2005.181  
[AbstractPlus](#) | Full Text: [PDF\(184 KB\)](#) IEEE CNF**6. High security smartcards**

Renaudin, M.; Bouesse, F.; Proust, Ph.; Tual, J.P.; Sourgen, L.; Germain, F.; Design, Automation and Test in Europe Conference and Exhibition, 2004. Proc Volume 1, 16-20 Feb. 2004 Page(s):228 - 232 Vol.1  
Digital Object Identifier 10.1109/DATE.2004.1268853

[AbstractPlus](#) | Full Text: [PDF\(216 KB\)](#) IEEE CNF

**7. Measurement of localized specific absorption rate (SAR) for contactless : readers operating in the HF band**

Kanda, M.; McCoy, D.O.; Schamberger, M.A.; Balzano, Q.; Electromagnetic Compatibility, IEEE Transactions on Volume 40, Issue 4, Part 1, Nov. 1998 Page(s):370 - 376  
Digital Object Identifier 10.1109/15.736224

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(240 KB\)](#) IEEE JNL

**8. Highly reliable and mass-productive FRAM embedded smartcard using a integration technologies**

Joo, H.J.; Song, Y.J.; Kim, H.H.; Kang, S.K.; Park, J.H.; Kang, Y.M.; Kang, E.Y Jeong, H.S.; Kinam Kim; VLSI Technology, 2004. Digest of Technical Papers. 2004 Symposium on 15-17 June 2004 Page(s):148 - 149  
Digital Object Identifier 10.1109/VLSIT.2004.1345445

[AbstractPlus](#) | Full Text: [PDF\(324 KB\)](#) IEEE CNF

**9. Prestige-contactless smartcard ticketing on London Transport**

Torode, R.B.; Public Transport Electronic Systems, 1996., International Conference on (Conf 21-22 May 1996 Page(s):72 - 73

[AbstractPlus](#) | Full Text: [PDF\(140 KB\)](#) IEE CNF

**10. The MITRE security perimeter**

Goldberg, D.S.; Computer Security Applications Conference, 1994. Proceedings., 10th Annual 5-9 Dec. 1994 Page(s):212 - 218  
Digital Object Identifier 10.1109/CSAC.1994.367306

[AbstractPlus](#) | Full Text: [PDF\(596 KB\)](#) IEEE CNF

**11. Architectures for exponentiation over  $GD(2^n)$  adopted for smartcard appl**

Arazi, B.; Computers, IEEE Transactions on Volume 42, Issue 4, April 1993 Page(s):494 - 497  
Digital Object Identifier 10.1109/12.214694

[AbstractPlus](#) | Full Text: [PDF\(384 KB\)](#) IEEE JNL

**12. Secure contactless smartcard ASIC with DPA protection**

Rakers, P.; Connell, L.; Collins, T.; Russell, D.; Solid-State Circuits, IEEE Journal of Volume 36, Issue 3, March 2001 Page(s):559 - 565  
Digital Object Identifier 10.1109/4.910496

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(132 KB\)](#) IEEE JNL

**13. A high-speed IC random-number source for SmartCard microcontrollers**

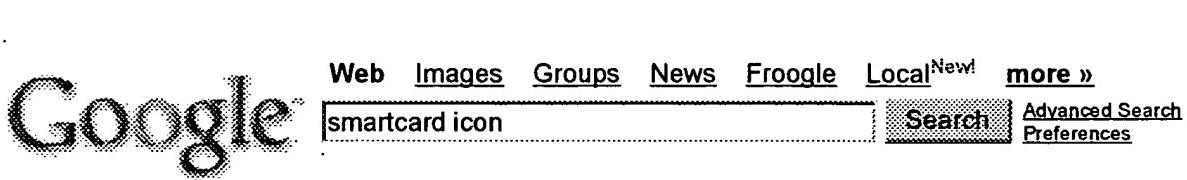
Bucci, M.; Germani, L.; Luzzi, R.; Tommasino, P.; Trifiletti, A.; Varanunuovo, M Circuits and Systems I: Fundamental Theory and Applications, IEEE Transactions on Circuits and Systems I: Regular Papers, IEEE Transactions on Volume 50, Issue 11, Nov. 2003 Page(s):1373 - 1380  
Digital Object Identifier 10.1109/TCSI.2003.818610

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(617 KB\)](#) IEEE JNL

- 14. **The smartcard as a mobile security device**  
Scheuermann, D.;  
Electronics & Communication Engineering Journal  
Volume 14, Issue 5, Oct. 2002 Page(s):205 - 210  
[AbstractPlus](#) | Full Text: [PDF\(691 KB\)](#) IEE JNL
- 15. **A component-based approach for JavaCard runtime system development**  
Ching-Cheng Lee; Ghosh, S.;  
Engineering of Complex Computer Systems, 2005. ICECCS 2005. Proceeding International Conference on  
16-20 June 2005 Page(s):274 - 282  
Digital Object Identifier 10.1109/ICECCS.2005.6  
[AbstractPlus](#) | Full Text: [PDF\(200 KB\)](#) IEEE CNF
- 16. **Introduction to fault attacks on smartcard**  
Lemarechal, A.;  
On-Line Testing Symposium, 2005. IOLTS 2005. 11th IEEE International  
6-8 July 2005 Page(s):116  
Digital Object Identifier 10.1109/IOLTS.2005.39  
[AbstractPlus](#) | Full Text: [PDF\(36 KB\)](#) IEEE CNF
- 17. **Design and implementation of smartcard-based secure e-mail communication**  
Hsien-Hau Chen; Yung-Sheng Chen; Hsia-Ling Chiang; Chung-Huang Yang;  
Security Technology, 2003. Proceedings. IEEE 37th Annual 2003 International Conference on  
14-16 Oct. 2003 Page(s):225 - 231  
Digital Object Identifier 10.1109/CCST.2003.1297564  
[AbstractPlus](#) | Full Text: [PDF\(1549 KB\)](#) IEEE CNF
- 18. **Smartcards with biometric user verification**  
Struif, B.; Scheuermann, D.;  
Multimedia and Expo, 2002. ICME '02. Proceedings. 2002 IEEE International  
Volume 2, 26-29 Aug. 2002 Page(s):589 - 592 vol.2  
Digital Object Identifier 10.1109/ICME.2002.1035688  
[AbstractPlus](#) | Full Text: [PDF\(418 KB\)](#) IEEE CNF
- 19. **PKI-based security and privacy controls using synchronized 2-way double smartcard terminals for healthcare information access**  
Won Jay Song; Byung Ha Ahn;  
Consumer Electronics, 2002. ICCE. 2002 Digest of Technical Papers. International  
18-20 June 2002 Page(s):196 - 197  
Digital Object Identifier 10.1109/ICCE.2002.1013989  
[AbstractPlus](#) | Full Text: [PDF\(392 KB\)](#) IEEE CNF
- 20. **Extending the data storage capabilities of a Java-based smartcard**  
Cap, C.H.; Maibaum, N.; Heyden, L.;  
Computers and Communications, 2001. Proceedings. Sixth IEEE Symposium  
3-5 July 2001 Page(s):680 - 685  
Digital Object Identifier 10.1109/ISCC.2001.935449  
[AbstractPlus](#) | Full Text: [PDF\(472 KB\)](#) IEEE CNF
- 21. **Secure contactless smartcard ASIC with DPA protection**  
Rakers, P.; Connell, L.; Collins, T.; Russell, D.;  
Custom Integrated Circuits Conference, 2000. CICC. Proceedings of the IEEE  
21-24 May 2000 Page(s):239 - 242  
Digital Object Identifier 10.1109/CICC.2000.852657  
[AbstractPlus](#) | Full Text: [PDF\(356 KB\)](#) IEEE CNF

- 22. Multifunctional smartcards for electronic commerce-application of the ro based security model**  
Schier, K.;  
Computer Security Applications Conference, 1998, Proceedings., 14th Annual 7-11 Dec. 1998 Page(s):147 - 154  
Digital Object Identifier 10.1109/CSAC.1998.738606  
[AbstractPlus](#) | Full Text: [PDF\(48 KB\)](#) IEEE CNF
  
- 23. A smartcard-based framework for secure document exchange**  
Chung-Huang Yang; Shy-Ming Ju; Rao, T.R.N.;  
Security Technology, 1998. Proceedings., 32nd Annual 1998 International Car Conference on 12-14 Oct. 1998 Page(s):93 - 96  
Digital Object Identifier 10.1109/CCST.1998.723772  
[AbstractPlus](#) | Full Text: [PDF\(324 KB\)](#) IEEE CNF
  
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Sourgen, L.;  
On-Line Testing Symposium, 2005. IOLTS 2005. 11th IEEE International 6-8 July 2005 Page(s):117  
Digital Object Identifier 10.1109/IOLTS.2005.61  
[AbstractPlus](#) | Full Text: [PDF\(39 KB\)](#) IEEE CNF
  
- 25. A weakness in smart card PKI certification**  
Young, A.;  
Information Assurance Workshop, 2003. IEEE Systems, Man and Cybernetics 18-20 June 2003 Page(s):30 - 34  
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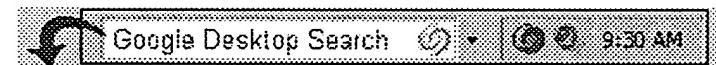
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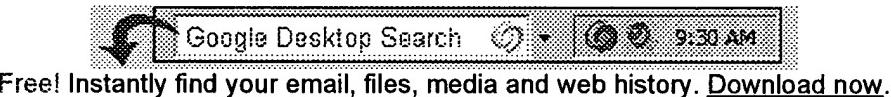
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